
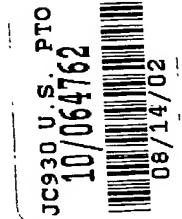


# Electronic Patent Application Submission

## USPTO Use Only

EFS ID:	17113	
Application ID:	10064762	
Title of Invention:	Automated Optimization of Medical 3D Visualizations	
First Named Inventor:	Jiang Hsieh	
Domestic/Foreign Application:	Domestic Application	
Filing Date:	null	
Effective Receipt Date:	2002-08-14	
Submission Type:	Utility Patent Filing	
Filing Type:	new-utility	
Confirmation Number:	0	
Attorney Docket Number:	GEMS0153PUS	
Digital Certificate Holder:	cn=John A. Artz, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US	
Certificate Message Digest:	47NuJXs5pqtaKVXCYejm7w==	
Total Fees Authorized:	\$798.0	
Payment Category:	DA - Deposit Account	
Deposit Account Number:	500476	
Deposit Account Name:	John A. Artz	

## TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility  
Patent FilingAttorney Docket  
Number:

GEMS0153PUS

# Automated Optimization of Medical 3D Visualizations

First Named Inventor: Mr. Jiang Hsieh

## SUBMITTED BY

Name:

Mr. John A Artz

Registration Number:

25,824

Electronic Signature Mark: John A.  
Artz

Date Signed: 20020814

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

## Attached Files:

declaration

Declaration1.tif

declaration

Declaration2.tif

specification

Specification.xml

bibd-transmittal

GEMS0153PUSapds.xml

fee-transmittal  
patent-assignments

GEMS0153PUSfee.xml  
GEMS0153PUSasgn.xml

**Attached Image File(s):**

Declaration1.tif  
Declaration2.tif

[illegible]

**Comments:**

$$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \frac{d}{dt} \left( \frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}$$

As a below named inventor, I hereby declare that:

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if p names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims amended by any amendment specifically referred to above.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor certificate, or 365(a) of any PCT International Application which designated at least one country other than the United States or Canada, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any International Application having a filing date before that of the application on which priority is claimed:

Priority Claimed \_\_\_\_\_ Yes \_\_\_\_\_ No

Certified Copy Attached \_\_\_\_\_ Yes \_\_\_\_\_ No

I hereby claim the benefit under 35 USC §120 of any United States application(s), or 365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which becomes available between the filing date of the prior application and the national or PCT international filing date of this application:

(Serial Number)	(Day/Month/Year Filed)	(Patented, pending, abandoned)
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\_\_\_\_\_  
(Application Number) (Day/Month/Year Filed)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true; and further that these statements were made with the knowledge that willful false statements are like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Jiang Hsieh  
Inventor's signature  Date 8/8/2002  
Post Office Address same as residence Citizenship German  
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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 798**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0476  
Deposit Account Name: John A. Artz P.C.



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: John A. Artz  
Electronic Signature Mark: John A. Artz  
Date Signed: 20020814

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 21	103	\$ 18	1	\$ 18
Independent Claims 3	102	\$ 84	0	\$ 0

